

DACHEV, L.; GANCHOVSKI, S.

"Investigation of RSRg3 and RSRg4 single-system signal resistors.
(Conclusion)"

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DACHEV, Liubomir, inzh., m. nauchn. sotrudnik

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1. Nauchnoizsledovatel'ski institut za trikotazhna promishlenost.

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1. State Machine-Building Factory, Gabrovo (for Totev).

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1. Profsoyuznyy organizator grupp brigady kommunisticheskogo truda shveynoy fabriki "Bolgariya" v gorode Plovdive (for Dacheva Miteva).
 2. Profsoyuznyy organizator grupp smeny sortirovochnogo otdeleniya tabachnoy fabriki v Kolarovgrade (for Draganova). 3. Profsoyuznyy organizator grupp smeny B tsekha kal'tsinirovannoy sody khimicheskogo zavoda imeni Karla Marksa (for Vichev).
- (Bulgaria--Trade unions)

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Sovr. med. (S. filia) 16 no.7:413-427 '65.

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Studying the anatomical structure of belladonna roots and rhizomes.
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1. Kafedra farmakognozii L'vovskogo meditsinskogo instituta
(zaveduyushchij kafedroy prof. T.F. Vil'chinskiy [Vil'chyns'kyi, T.F.]).

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Using boiler slag as a raw material component. TSement 17 no.5:
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New D-598 power grader. Stroil. i dor. mash. 9 no.2:6-8 F '64.
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Dunajec River. p. 311.

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DACHOWSKI, Piotr, mgr inż.

Central Technical Laboratory of the Paper Industry. Przegl mach
22 no.7/8:210-211, 212 10-25 Ap '63.

1. Chief Engineer, Central Engineering Office of the Paper
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DACHOWSKI, Piotr, mgr.inz.

The Soviet machine industry guarantees a great development of the pulp and paper industry. Przegl papier 18 no.6:197-198 Je '62

1. Centralne Biuro Techniczne Przemyslu Papierniczego, Lodz.

DACHOWSKI, Piotr, mgr. inż.

Modernization. Przegl papier 18 no.7:235-236 J1 '62.

1. Centralne Biuro Techniczne Przemysłu Papierniczego, Lodz.

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VERINA, G. P., tekhnicheskij redaktor

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Influence of thiamin and lactoflavin on the dynamics of glycemia in the organisms of mice affected by X rays. p. 255

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Uncl.

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VIL'NYUS, 1960. (MIN OF HIGHER AND SEC SPEC ED USSR. VIL'-
NYUS STATE UNIV IM V. KAPSUKAS). (KL, 2-61, 204).

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KONOPKAYTE, S.I.[Konopkaite, S.]; PAKARSKITE, K.I.[Pakarskyte, K.];
DACHYULITE, Ya.A.[Daculyte, J.]; KUDOKAS, S.P.;
GIBAVICHYUTE, A.S.[Gibaviciute, A.]

Preservation of North Sea herring in chilled seawater. Part 2:
Biochemical research. Khol. tekhn. 39 no.5:29-32 S-0 '62.
(MIRA 16:7)

1. Institut botaniki AN Litovskoy SSR.
(Fishery products—Preservation)
(Cold storage on shipboard)
(Biochemistry)

L 389 1-46

ACC NR: AP6020035

(A)

SOURCE CODE: UR/0066/66/000/002/0036/0040

AUTHOR: Konopkayte, S. I.; Dachyulite, Ya. A.; Pakarskite, K. Yu. 28

ORG: Department of Biochemistry of Microorganisms, Institute of Botany, Lithuanian SSR
(Sektor biokhimii mikroorganizmov Instituta botaniki Litovskoy SSR)

TITLE: Investigations on the storage of North Sea herring in refrigerated sea water. II.
Biochemical investigations

SOURCE: Kholodil'naya tekhnika, no. 2, 1966, 36-40

TOPIC TAGS: food, food preservation, refrigeration, sea water, *FOOD CHEMISTRY*

ABSTRACT: Investigations were carried out to study in more detail the dynamics of certain biochemical processes and to obtain a comparative biochemical evaluation of certain methods of storing North Sea herring in sea water and in ice. Since the method of storing herring in refrigerated sea water resulted in the swelling of the fish tissue and accelerated extraction of nitrogenous substance, the authors checked the effectiveness of using carboxymethyl cellulose (CMC) against swelling. Three versions of the experiments were set up. 1) The herring were stored in refrigerated sea water at -1.2 to -1.5C with 4000 kg of water for each 2000 kg of fish.

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The water was changed every other day. 2) The herring were stored at 1.0°C in refrigerated sea water with the addition of 1.6% CMC, with 5200 kg of water per 800 kg of fish. The water was changed every other day. 3) The herring were stored at 0°C in crushed ice in boxes at a rate of 30 kg in each. The authors determined the following indexes: proteolytic activity, extractive and total nitrogen, iodine and peroxide numbers of fat, and content of thiamine, riboflavin, folic acid, and vitamin B₁₂. Finally minced muscle tissue was used for the analysis. The data characterizing the effect of the period and conditions of storing herring on its content of nitrogenous substances and quality of fat showed that in all cases the same proteolytic activity, in comparison with fresh herring, was retained during the first half-day of its storage, then the activity gradually increased. The increase of activity stopped on the third day for the herring stored in refrigerated sea water. There was a noticeable drop of proteolytic activity after four days' storage. The proteolytic activity of herring stored in refrigerated sea water with the addition of CMC changed more smoothly. There was a noticeable increase in activity for the herring stored for one day, but the activity dropped after 5—6 days of storage. For the herring stored in ice the proteolytic activity increased a day later than for the fish stored in refrigerated water with the addition of CMC. The drop of activity in time was the same as for the herring stored in the refrigerated water. It was found that the preparation CMC protects herring to a certain degree against extraction of nitrogenous substances, inhibits the processes of proteolysis, and has a favorable effect on the preservation of vitamins. However, the investigated concentrations are insufficient to

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prevent undesirable biochemical processes in the herring during storage. Orig. art. has:
2 tables.

SUB CODE: 06/ SUBM DATE: 00/ ORIG REF: 010/ OTH REF: 000

Card

3/3

DACI, A.

"Technical Veterinary Institute in Shkoder."

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PALAGE, M., dr.; MUNTEANU, Laura, dr.; BOVICAN, L., dr.

Considerations on 3 cases of radicular-dental cysts of the upper jaw. Otorinolaringologie (Bucur.) 9 no.43351-355 9-10 '62

1. Lucrare efectuată în Spitalul Valenți de Munte, Băgăneș Ploiești.

GJURKOVIC, P.M. [Durkovic, P.M.]; DACIC, Lj.M.

Micrometric measurements of double stars: made by a refractor
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DACIK, Z.

"Influence of technical development on the industrial structure and conditions for further development of technology." P. 245.

NOVA TECHNIKA. (Rada vedeckych technickych spolecnosti pri Ceskoslovenske akademii ved). Praha, Czechoslovakia, No. 6, 1959.

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August 1959.
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"Comment on the problem of the total coefficient of mechanization and automation."

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Unclassified.

DAGIK, Zdenek, inz.

Selection of a basis for evaluation of the effectiveness of
new techniques. Tech praca 14 no. 4:283-286 Ap '62.

1. Statni planovací komise, Praha.

JANCZEWSKI, Marian; DACKA, Stanisław; SAK, Janusz

Studies on the influence of the molecular structure on the optic properties of sulfinyl. VIII. Roczniki chemii 36 no.9:1375-1378 '62.

1. Zakład Chemii Organicznej, Uniwersytet im. M. Curie-Skłodowskiej, Lublin.

JANCZEWSKI, Marian; DACKA, Stanislaw; SAK, Janusz

Studies on the influence of the molecular structure on the optical properties of sulfinyl compounds. Pt.9. ~~Roczn~~ chemii 36 no.12: 1751-1766 '63.

1. Katedra Chemii Organicznej, Uniwersytet M.Curie-Sklodowskiej, Lublin.

JANCZEWSKI, Marian; DACKA, Stanislaw

Studies on the influence of the molecular structure on the optical properties of sulfinyl compounds. Pt. 18. Roczniki chemii 38 no. 1:125-128 '64.

1. Department of Organic Chemistry, M.Curie-Skłodowska University, Lublin.

DACKIEWICZ, Jozef.

100 cases of transurethral electroresection. Polski tygod.lek.
10 no.49:1575-1580 5 Dec. '55.

1. Z Oddziału Urologicznego Szpitala Miejskiego Nr 1 w Warszawie;
ordynator: dr med. Stefan Czubalski. Warszawa, ul. Polna 40 m. 28.
(PROSTATE, surgery,
electric resection, transurethral)
(DIATHERMY,
electroresection of prostate, transurethral)

EXCERPTA MEDICA Sec.9 Vol.11/11 Surgery Nov 57
DACKIEWICZ J.

6134. DACKIEWICZ J. Miejskiego Szpital. Chir. Kostnej, Konstancina. Postępowanie urologiczne z chorych z urazem rdzenia kręgowego. Urological management in patients with trauma of the spinal cord CHIR. NARZĄD. RUCHU 1956, 21/7 (695-717) Graphs 1 Tables 3 Illus. 29

The urological management at the time of the 'spinal-cord shock', at the time of paralysis of the bladder and in cases of delayed formation of the bladder automatism is discussed. In our present conditions the safest method of emptying the paralysed bladder is its periodical catheterization. Application of tidal irrigation in the first stages of the clinical process is purposeless. Tidal irrigation, however, is a valuable method in the later stages. Manual squeezing out of urine may be applied in selected cases only. In the later periods, in cases where the retention of urine is caused by an obstacle in this outflow localized within the neck of the bladder, the author considers transurethral electrosection of the bladder neck to be the method of choice. He performed 19 such procedures with good results. In cases, in which the cause of difficulties in the outflow of urine lies in lasting contraction of the muscles of the urogenital diaphragm, it may be advantageous to perform an operation on the nerves, mostly neurectomia pudendalis. The urological complications, such as infection of the urinary tract, urolithiasis and reflux of the urine, are briefly discussed. Modern urological treatment of patients with trauma of the spinal cord is possible only in the specialist centres.

DACKIEWICZ, Jozef

Early urological management in paraplegics. Polski tygod.
lek. 12 no.5:170-173 28 Jan 57.

1. (Z oddz. urologicznego Szpitala Miejskiego nr 1 w Warszawie;
ordynator: dr. med. S. Czubalski; z Miejskiego Szpitala Chirurgii
Urazowej w Warszawie; dyrektor: dr. med. Z. Deka i z Miejskiego
Szpitala Chirurgii Kostnej w Konstancinie; dyrektor: dr. med.
M. Weiss). Adres: Warszawa, ul. Kasprzakal7. Szpital Miejski nr
1, Oddzial Urologiczny.

(PARABLEGIA, compl.

bladder paralysis, management (Pol))

(BLADDER, paralysis

in paraplegis management (Pol))

DACKIEWICZ, Jozef

Pathogenesis of dilatation of the upper urinary tract in paraplegia.
Polski przegl. chir. 33 no.4:365-374 '61.

1. Ze Szpitala Chirurgii Kostnej w Konstancinie Dyrektor: doc.
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"High silicon cast iron." p. 86 (CHEMIK, Vol. 6, no. 3, Mar. 1953,
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SO: Monthly List of East European Accessions, Vol. 2, #8, Library of Congress,
August, 1953, Uncl.

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Cent. Iron & high silica contents. C. Dacko's process
Chem. 95-130-81067. The calc. from the calc. prod.
of H₂O. C. calc. contain more than 13.5-14.4% Si with a
Content of 1.19%. The mech. properties are low but they
can be improved by addn. of 2-4% Mo. C. Calc. A. Wom...

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2/2

DACRO, C.; SEVARIN, M.

Conference on the machinery industry for chemistry; also, the resolution of the conference. p. 242.

PRZEMYSŁ CHEMICZNY. Ministerstwo Przemysłu Chemicznego i Stowarzyszenie Naukowo-Techniczne Inżynierów i Techników Przemysłu Chemicznego. Warszawa, Poland, Vol. 38, No. 4, 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 9, No. 9, September, 1959. Uncl.

DACKO, Czeslaw, mgr.inz.

Apparatus delivery as the weak point of the chemical industries.
Przegl techn 81 no.4:8-10 Ja '61.

DACKO, Marian, mgr inz.; RYBAK, Mieczysław, dr inz.

Experiments on the stability of rods made of aluminum alloys in the scope of elastoplasticity. Inz i bud 19 no.8:304-308 Ag '62.

1. Wojskowa Akademia Techniczna, Warszawa.

MEGHEA, C.; DACU, Gh.; CONSTANTINESCU, M.; GALLANI, S.; IVANESCU, V.; NEGOESCU, M.

Our experience with the one-stage complex surgical cure of
complicated thoracic tuberculous spndylitis. Rumanian med.
rev. 7 no.3: 70-73 Ja-Mr '64.

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DACZYNSKI, A.

Industrial safety and hygiene services, their organization and activities.
(Conclusion) p. 242.

Vol. 11, no. 8, Aug. 1955

PRZEGLAD PAPIERNICZY, Lodz

SOURCE: East European Accessions List (EEAL), IC, Vol. 5, no. 2, Feb. 1956

DACZYNSKI, A.

Economy of special clothing. p. 19.

Vol 12, no. 1, Jan. 1956. PRZEGLED PAPIERNICTWA. Lodz, Poland.

So: Eastern European Accession. Vol 5, no. 4, April 1956

DACZYŃSKI, A.

Tasks and rights of a foreman as production manager and organizer in a paper mill. p.236
(PRZEGLĄD PAPIERNICZY, Vol. 12, No. 8, Aug. 1956, Lodz, Poland)

SO: Monthly List of East European Accessions (FEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

DACZYNSKI, Aleksander, mgr

New program of instructing drivers. Motor 11 no.37:11 16 S
'62.

DADABAYEV, A.D., akademik, glavnyy red.; KANASH, S.S., akademik, zamestitel' glavnogo red.; UCHEVATKIN, F.I., otv.red.; AVTONOMOV, A.I., red.; ALKKSANDROV, A.S., kand.sel'skokhoz.nauk, red.; ARUTYUNOVA, L.G., kand.biol.nauk, red.; VELIYEV, I.M., kand.sel'skokhoz.nauk, red.; KASSIRSKIY, A.A., red.; KRASICHKOV, I.P., akademik, red.; MAKSIMENKO, I.K., akademik, red.; MAL'TSEV, A.M., red.; MANNANOV, N.M., akademik, red.; MUKHAMEDZHANOV, M.V., akademik, red.; SADYKOV, S.S., red.; STRAUMAL, B.P., kand.sel'skokhoz.nauk, red.; SHAFRIN, A.N., zaslužennyy agronom Uzbekskoy SSR, red.; KURANOVA, L.I., red.; MEDOVAR, TS.I., red.; SOROKINA, Z.I., tekhn.red.

[Materials of the All-Union Conference on Cotton Breeding and the Production of Cottonseed] Materialy Vsesoiuznogo soveshchaniya po selektsii i semenovodstvu khlopchatnika. Tashkent, Uzbekskaya Akad.sel'khoz.nauk, 1960. 383 p. (MIRA 13:11)

1. Vsesoyuznoye soveshchaniye po selektsii i semenovodstvu khlopchatnika. 2. Uzbekskaya Akademiya sel'skokhozyaystvennykh nauk (for Dadabayev, Mannanov, Mukhamedzhanov). 3. Vsesoyuznaya akademiya sel'skokhoz.nauk im. V.I.Lenina (for Kanash). 4. AN UzSSR (for Kanash, Mukhamedzhanov). 5. Chlen-korrespondent Uzbekskoy Akademii sel'skokhoz.nauk (for Uchevatkin). 6. Chleny-korrespondenty AN UzSSR (for Avtonomov, Mal'tsev, Sadykov). 7. AN Tadzh.SSR (for Krasichkov, Maksimenko).

(Cotton breeding--Congresses)

(Cottonseed)

KANASH, S.S., akademik, otv. red.; SHARDAKOV, V.S., kand. biol. nauk, otv. red.; GUBANOV, G.Ya., kand. biol. nauk, otv. red.; YENILEYEV, Kh.Kh., doktor biol. nauk, otv. red.; MUKHAMEDZHANOV, M.V., akademik, red.; RYZHOV, S.N., akademik, red.; ALIMOV, R.A., red.; DADABAYEV, A.D., akademik, red.; DZHALILOV, Kh.M., kand. ekon. nauk, red.; YEREMENKO, V.Ye., akademik, red.; ZAKIROV, K.Z., akademik, red.; MANNANOV, N.M., akademik, red.; NABIYEV, M.N., akademik, red.; SADYKOV, S.S., red.; TOGOYEV, I.N., kand. ekon. nauk, red.; YAKHONTOV, V.V., red.; PETROV, V.G., kand. sel'khoz. nauk, red.[deceased]; RAKHMANOVA, M.D., red.; BARTSEVA, V.P., tekhn. red.; KARABAYEVA, Kh.U., tekhn. red.

[Cotton] Khlopchatnik. Tashkent. Vol.4. [Physiology and biochemistry of cotton] Fiziologiya i biokhimiya khlopchatnika. 1960. 704 p. (MIRA 14:5)

1. Akademiya nauk Uzbekskoy SSR, Tashkent. 2. Akademiya nauk Uzbekskoy SSR (for Mukhamedzhanov, Kanash, Zakirov, Nabiyeu, Yakhontov, Yeremenko) 3. Uzbekskaya akademiya sel'skokhozyaystvennykh nauk (for Mukhamedzhanov, Ryzhov, Dadabayev, Yeremenko, Zakirov, Mannanov) 4. Chleny-korrespondenty AN UzSSR (for Alimov, Yeremenko, Sadykov, Yakhontov) 5. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I.Lenina (for Kanash)

(Cotton)

DADABAYEV, A.D.; SIMONGULYAN, N.G.

Dynamics of the accumulation of fruiting elements in cotton varieties
with a compact plant. Uzb. biol. zhur. 6 no.2:11-16 '62.

(MIRA 15:4)

1. Institut selektsii i semenovodstva khlopchatnika Ministerstva
sel'skogo khozyaystva.

(COTTON--VARIETIES)

DADABAYEV, A.D., doktor biol. nauk; SIMONGULYAN, N.G., kand.
biol. nauk; BONDARENKO, M., red.; BABAKHANOV, A., tekhn.
red.

[Methods for developing and multiplying new cotton varieties]
Metody vyvedeniia i razmnozheniia novykh sortov khlopchatnika.
Tashkent, Gosizdat UzSSR, 1962. 93 p. (MIRA 16:5)
(Soviet Central Asia--Cotton breeding)

DADABAYEV, A.D.; SIMONGULYAN, N.G.

Photosynthetic capacity of the leaves of different cotton
varieties and their yield. Fiziol. rast. 11 no.5:812-
817 S-O '64. (MIRA 17:10)

1. Scientific Research Institute of Breeding and Seed Growing
of Cotton, Tashkent.

DADAFAYEV, A. YU.

DADAFAYEV, A. YU. -- "Viscosity and Other Properties of the Slag of Non-ferrous Metallurgy (The Ternary SiO_2 - FeO - CaO System and the Quaternary SiO_2 - FeO - CaO - Al_2O_3 System)." Acad Sci Rep Kh SSR. Inst of Metallurgy and Ore Dressing. Alma-Ata, 1955. (Dissertation for the Degree of Candidate in Technical Sciences)

SO: Knizhnaya Lotopis', ^{No 1} ~~xx~~ 1956, p. 122-123, 124

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Viscosity and fusibility of synthetic slags of the silicon-ferrous
oxide-calcium oxide-alumina quaternary system. Izv. AN Kaz. SSR.

Ser. metal. obsh. i ogneup. no. 1:99-109 '58.

(MIRA 12:7)

(Slag--Testing)

(Systems (Chemistry))

DADABAYEV, A.Yu.

P. 2

18(5,6,3)

PHASE I BOOK EXPLOITATION SOV/2094

Akademiya nauk Kazakhskoy SSR. Institut metallurgii i obogashcheniya

Trudy, t. 1 (Transactions of the Institute of Metallurgy and Ore Dressing, Kazakh SSR Academy of Sciences, Vol 1)
Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1959. 159 p. 1,225 copies printed.

Ed.: Yu. N. Kuznetsov; Tech. Ed.: Z.P. Rorokina;
Editorial Board: V.D. Ponomarev (Resp. Ed.), B.N. Lebedev, A.N. Grigorovich, L.P. Ni, R.A. Isokova, I.R. Polyvyanny (Resp. Secretary), and Ye. I. Ponomareva.

PURPOSE: This book is intended for metallurgists and metallurgical engineers.

COVERAGE: This is a collection of articles dealing with various aspects of process metallurgy, principally nonferrous, and with related matters such as treatment of ore concentrates,

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Transactions of the Institute (Cont.)

SOV/2094

properties of slags, etc. Topics discussed include precipitation of copper from slags, extraction of arsenic from speiss, recovery of rare metals from smelting dust, electrolytic precipitation of lead and zinc, and drying of lead-zinc concentrates. Three articles are concerned with the metal, rhenium. The articles are accompanied by Soviet and non-Soviet references.

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Rhenium in Molybdenites and Ore Tailings

142

Suvorova, O.A., and S.V. Fedorova. Analysis of
Electrolytic Rhenium and Freeing It From Volatile
Impurities

152

AVAILABLE: Library of Congress

GO/rj
7-30-59

Card 5/5

DADABAYEV, A.Yu.; ONAYEV, I.A.

Viscosity and other properties of slag in nonferrous metallurgy;
silicon - ferrous oxide - calcium oxide ternary system. Trudy
Inst.met. i obogoshch. 1:3-13 '59. (MIRA 12:5)
(Nonferrous metals--Metallurgy) (Slag--Testing)
(Systems (Chemistry))

TSEFT, A.L.; DADABAYEV, A.Yu.; NAYMANOV, S.

Processing Balkhash copper concentrates. Trudy Inst. met. i
obog. AN Kazakh. SSR 6:55-63 '63. (MIRA 16:10)

DADABAYEV, A.Yu.; KOROTKOVA, P.I.; KOZHIROVA, S.Ye.

Sorption of certain metals by KB-4 carboxylic resin. Trudy Inst.
met. i obog. AN Kazakh. SSR 9:51-55 '64. (MIRA 17:9)

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Using a KU-2 industrial cationite for the absorption of metals
from solutions. Trudy Inst. met. i obog. AN Kazakh. SSR 9:116-120
'64. (MIRA 17:9)

DADABAYEV, A.Yu.; MILUSHEVA, M.A.; SUSHCHENKO, S.N.

Thallium recovery from industrial solutions by ionites. Trudy
Inst. met. i obog. AN Kazakh. SSR 11:129-136 '64.

(MIRA 18:4)

DADABAYEV, A.Yu.; MOKRYSHEV, A.I.; KOROTKOVA, P.I.; FONOMAREV, V.D.

Sorption of metals on the strongly acid cationite SBS-1. Trudy
Inst.met.i obog. AN Kazakh.SSR 11:137-144 '64.

(MIRA 18:4)

MEKHRIKHEV, A.I.; DEDEBYAN, A.Yu.; AYHMEKOV, G.P.; MURIN, I.I.

Effect of ultrasonic waves on the ion-exchange recovery of bromine
and the stability of ionites. Trudy Inst. khim. i biolog. AN Kazakh
SSR 12:25-30. 1965. (MIRA 18:10)

MILUSHEVA, M.A.; DADABAYEV, A.Yu.

Chemical stability of KU-1 and KU-2 cation exchangers. Trudy Inst.
met. 1 obog. AN Kazakh. SSR 12:105-108 '65.

(MIRA 18:10)

"DADA BAYEV, K B

AID P - 3950

Subject : USSR/Hydr. Eng.

Card 1/1 Pub. 35 - 14/19

Author : Dadabayev, K. B., Eng.

Title : Measures for protecting tailwater from washouts.

Periodical : Gidr. stroi., 7, 40-42, 1955

Abstract : The article is one in a long series devoted to the subject. The author explains some details in the design of the tailwater. A mathematical analysis and the description of a faulty design of one of the tailwater and tailrace installations, rated for a 600 cu m/s flow, are given. Some suggestions on improved construction are made. Five diagrams.

Institution : None

Submitted : No date

DADABAYEV, K.B., nauchnyy sotrudnik

Results of the hydraulic investigation of tail waters of the outlet works of water reservoirs. Trudy SANIIRI no. 14:15-21 '59.
(MIRA 14:1)

1. Sredneaziatskiy nauchno-issledovatel'skiy institut irrigatsii.
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DADABAYEV, K.B., nauchnyy sotrudnik

Results of hydraulic laboratory investigations of the reconstructed
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no.106:3-8 '60. (MIRA 14:5)

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DADABAYEV, M.; BAISHEV, V.

State Bank's role in developing the economy of Soviet Tajikistan.
Den. 1 kred. 20 no.10:36-41 0 '62.

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- (Tajikistan—Banks and banking) (Tajikistan—Industrial management)

DADACHA, T.P.; DUBIL'YER, A.V.

How we achieve high crops. Zemledelie 25 no.5:67-71 My '63.
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1. Glavnyy agronom kolkhoza imeni Krupskoy, Yegorlykskogo proiz-
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(Field crops)

DADADZHANOV, Umar, agronom (Kanibadam, Tadzhikskoy SSR)

Aerosol method for controlling pests outdoors. Zashch. rast. ot
vred. i bol. 6 no.7:9 JI '61. (MIRA 16:5)
(Gissar Valley--Red spider--Extermination)

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 Izd-vo gazety "Volga," 1959. 318 p. (MIRA 12:11)

1. Astrakhan (Province) Ekonomicheskiy administrativnyy rayon.
 (Astrakhan Province--Economic conditions)

DADAK, V.; RAJDOVSKY, G.

On the antibiotic effect of natural coumarins. V. Modification of the effect of the terpene coumarin ostruthin by surface-active agents. Cesk. farm. 13 no. 5: 248-253 Je '64

1. Katedra biochemie prirodovedecké fakulty UJEP [Universita J.E. Purkyně], Brno.

Сидор, В., геологический инженер, М. 1927, № 12

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of the Kozlov deposit. July 12 - 1960. Prof. V. M. Zverev
station no. 7-12-12. My 1961.

DADAK, Vojtech; SEITL, Jaromir; SMEJKAL, Karel

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1. Vychododeske chemicke zavody Synthesia, n.p., Semtin.

DADAK, Vojtech; SEITL, Jaromir

Byproducts of aromatic nitration. 2. Effect of the reaction conditions on the quantity of byproducts in the nitration of toluene on mononitrotoluene. Chem prum 12 no.7:352-354 J1 '62.

1. Vychodoceske chemicke zavody Synthesia, n.p., Vyzkumny ustav prumyslove chemie, Semtin.

DADAK, Vojtech; HROMADKOVA, Emilie; SMEJKAL, Karel

By-products in aromatic nitration. Pt. 4. Chem prum 13
no. 12: 629-634 D '63.

1. Vychodoceske chemicke zavody Synthesia, n.p., Semtin.

CZECHOSLOVAKIA

DADAK, V., Dr, and KUBA, M., Chair of Biochemistry (Katedra biochemie), Faculty of Sciences (Přirodovědecká fakulta), J.E. Purkyne University, Brno.

"Antibiotic Action of Natural Coumarines. IV. Mechanism of the Antibacterial Action of Ostruthin"

Prague, Ceskoslovenska Farmacie, Vol XII, No 6, July 1963, pp 301-309.

Abstract [Authors' English summary, modified]: Possibilities were studied for reducing the antibacterial action of ostruthin by mercapto compounds, vitamin K₁ and K₃. An addition of some of the compounds to liquid nutrient media did not interfere with the inhibition of growth of *Staphylococcus aureus* caused by ostruthin. Mixtures of ostruthin and mercapto compounds were used to test their effect on other strains by means of the Oxford method. The effect was the same as caused by ostruthin alone. It has been found that no reaction occurs between the -SH group and the unsaturated lactone part of ostruthin molecules. Discussed is the problem whether ostruthin antibacterial effect consists in the blockade of the -SH groups or not. The antibacterial effect of ostruthin may be reduced by vitamin K₁. No such effect was found in vitamin K₃. Twenty-five references, including 3 Czech.

ACCESSION NR: AP3000077

Z/0009/63/000/005/0241/0244

AUTHOR: Dadak, Vojtech; Smejkal, Karel; Balasova, Eva

TITLE: Byproducts of aromatic nitration - 3. Hydroxylation of aromatic compounds by means of nitric acid.

SOURCE: Chemicky prumysl, no. 5, 1963, 241-244

TOPIC TAGS: nitration of xylenes, toluenes, chlorobenzene; ratio of nitro and hydroxy derivatives; uses as herbi- and fungicides

ABSTRACT: Literature references covering nitration byproducts did not cover data on hydroxylation of m- and p-xylene. The present work was carried out to complete the available information. Qualitative and quantitative data on hydroxylations of m- and p-xylenes, chlorobenzene, nitrobenzene, and o-, m-, and p-nitrotoluene are listed. Results show clearly the electrophilic character of the hydroxylation reactions. The separation of the individual products was made by elution from aluminum

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ACCESSION NR: AP3000077

oxide columns and identification by paper chromatography. From identified substances 2, 3-dinitro-p-cresol and 2, 5-dinitro-p-cresol and 2-6-dinitro-p-cresol are active as herbicides against grassy weeds. Non-selective herbicide activity is shown by 4, 6-dinitro-p-cresol, 2, 3- and 2, 5-dinitrophenols, and 2, 4, 6-trinitrophenol. 2, 6-dinitro-4-chlorophenol and 2, 4-dinitro-6-chlorophenol seem promising as fungicides. The relationship between the yields of nitroderivatives and hydroxyderivatives of the various aromatic hydrocarbons tested are shown in Table 1., of the Enclosure. "The authors wish to express their thanks to the following: J. Hejlik, for the spectral analyses; J. Havlka, for the titanometric determination of the nitro groups; and Z. Horak, for checking the purity of the initial materials, by means of gas chromatography." Orig. art. has 7 tables.

ASSOCIATION: VCHZ Synthesia n.p.; Vyzkumny ustav prumyslove chemie (Research Institute of Industrial Chemistry) Semtin

SUBMITTED: 18Jul61 DATE ACQ: 17Jun63

ENCL: 01

SUB CODE: 00

NR REF SOV: 003

OTHER: 013

Card 2/3

ACCESSION NR: AP 3000077

ENCLOSURE: 1

Table VII

Ratio of nitro- and hydroxyderivatives during aromatic nitration

① Original chemical ② Positions of substituents ③ Nitroderivatives % ④ Hydroxyderivatives %

① Vychod. sloučenina	② Substi- tuovaná poloha	③ Nitroderiváty %	④ Hydroderiváty*)
Toluen	2- 3- 4-	55,9 (8) 3,3 39,9	19,1 (8) pod 1 78,7 } 90,8
m-Xylen	2- 4-	16 (8) 84	(18,6) 81,6 } 100
Chlorbenzen	2- 3- 4-	21,24 (10) 1,4 68,76	13,8 76,8 } 90,8
Nitrobenzen	2- 3- 4-	11,3 (19) 87,3 1,3	..) 100
o-Nitrotoluen	4-	67,0 (8) 93,0	90 90
m-Nitrotoluen	2- 4- 4-	26 (13) 20 56	89,4 18,6 } 87,9
p-Nitrotoluen	2-	100	100

one asterisk: balance to 100% by substances not identified

two asterisks: The ratio of isomers was not determined in by products of dini-
tration of nitrobenzene. All spots on paper chromatography were identified.

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CZECHOSLOVAKIA

HODAK, K.; JAKESOVA, V.; DADAK, V.; Department of Biochemistry and Department of Microbiology, Faculty of Natural Sciences, J. E. Purkyne University (Katedra Biochemie a Katedra Mikrobiologie Prirodovedecke Fakulty UJEP), Brno.

"Antibiotic Activity of Natural Coumarins. VI. The Relation Between the Structure and the Antibacterial Activity of Some Natural Coumarins and the Neutralization of this Activity."

Prague, Coskoslovenska Farmacie, Vol 16, No 2, Feb 67, pp 86-91

Abstract [Authors' English summary modified]: The effect of an isoprene chain and of phenolic hydroxyl on the antibacterial activity of 15 structurally related derivatives of coumarin and furocoumarin of natural origin was investigated. Methylation of the -OH group in ammosesinol results in a complete loss of activity, in ostruthin the activity is only reduced. In some of the coumarin derivatives the isoprene chain has no influence on activity. K-vitamins inhibit the effect; in some cases K₁, K₂ and K₃ effects differ from each other. Tween 80 reduces the effect of coumarin derivatives on the O₂ consumption of Staphylococcus aureus. 1/1 5 Tables, 7 Western, 6 Czech, 1 Indian reference.

LITVINENKO, L.M.; DADALI, V.A.; SAVELOVA, V.A.; KRICHEVTSOVA, T.I.

New method of synthesizing arylsulfonyl bromides and iodides.
Zhur. ob. khim. 34 no.11:3730-3733 N '64 (MIRA 18:1)

1. Khar'kovskiy gosudarstvennyy universitet imeni A.M. Gor'kogo.